Engine Forum Kobe 2022

Workshop Programme
Oct 25th

14:00 – 14:30 **On trends in manufacturing using 3D additive manufacturing technology**
Toshiyuki SAWAKOSHI, Managing Director, **Japanese Society of Additive Manufacturing**

14:35 – 15:05 **Activities of Kansai Aircraft Industry Platform NEXT and the latest industry trends (carbon neutral, flying car, market forecast)**
Ryohey HIROTA, **Ministry of Economy, Trade and Industry**, Kansai Bureau of Economy, Trade, and Industry, Industry Department, Manufacturing Industry Division, First Unit of the Machinery Industry section

Teruhisa YAMAKITA, Senior Manager Aerospace Department Research & Development Division, **The Nationwide Network of Aircraft Manufacturing Clusters**

15:10 – 15:40 **Providing Global Research & Development (R&D) Services from KMTL and Cetim**
Robert Shandro, Global Research & Development (R&D) Services from **KMTL** and **Cetim**

Since its establishment in 1947, Kobe Material Testing Laboratory (KMTL) has been engaged in analytical and testing research business. With more than 300 engineers, we proudly offer world-class services in terms of both quality and quantity, as one of the largest independent testing laboratories in Japan. Partnering with Cetim, a French national research institute, in 2017, we have accelerated our global expansion by linking Asia and Europe. In this workshop we will introduce wide variety of R & D support services that KMTL and Cetim can provide.

15:45 – 16:15 **A Physics-Based Approach to Through-Life Simulation**
Bill Dawes, CEO, Chairman, CTO, **Cambridge Flow Solutions Ltd**

Cambridge Flow Solutions develops and markets innovative, advanced software, BOXER, which supports pre-processing and mesh generation for complex gas turbine systems, sub-assemblies and components. Our Digital GeometryTM modelling kernel is uniquely able to support through-life geometry degradation, damage & wear to allow a physics-based approach to MRO. The workshop topic is through-life simulation for MRO.